

Ink Jet Ink and Recording Material

Abstract of the Disclosure

The present invention relates to an ink jet ink, an ink jet recording material or an ink jet system comprising at least one compound selected from the group consisting of a) the dialkyl hydroxylamine stabilizers, b) the nitrone stabilizers and c) the amine oxide stabilizers. The present stabilizer compounds provide ink jet prints with outstanding light stability, gas fade stability and dark storage stability. The hydroxylamines are for example N,N-dihydrocarbylhydroxylamines of the formula R_1R_2N-OH , wherein R_1 and R_2 are independently benzyl, methyl, ethyl, octyl, lauryl, dodecyl, tetradecyl, hexadecyl, heptadecyl or octadecyl, or wherein R_1 and R_2 are each the alkyl mixture found in hydrogenated tallow amine. The nitrone and amine oxide stabilizers are for example nitrone and amine oxide analogues of the dialkylhydroxylamine stabilizers.